

~~disposed in an about midpoint position between said light source and said light detector of a second pair~~ said light sources and light detectors further include a second light source or a second light detector adapted to be disposed on said sampling point.

5. (Currently Amended) The biological photometric device according to claim 42, further comprising means for displaying said concentration of metabolites measured or changes in the concentration as an image.

6-7. (Canceled)

8. (New) The biological photometric device according to claim 4, wherein each of the light sources and each of the light detectors are disposed at intervals of substantially 30 mm.

9. (New) A biological photometric device comprising:
an array having a plurality of light sources and
corresponding light detectors for respectively irradiating an organ with light and detecting the light emitted from the light sources and propagated through the organ;